STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING ERROR REPORT

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Application Serial Number: $\frac{10}{57}, \frac{879}{57}$ Source: $\frac{1509}{5731-06}$ Date Processed by STIC: $\frac{5731-06}{5731-06}$

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http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm

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Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

- 1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>, EFS Submission User Manual ePAVE)
- 2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
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Revised 01/10/06



Input Set: A:\Sequence Listing.txt -Output Set: N:\CRF4\05312006\J579879.raw

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		Leu	GIN	•	GIU	Thr	vaı	vaı		GIY	TTE	val	Asp		GIU	ьeu	тте	
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		cat His	_											_		_		303
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		agt		tac	רמכ	+++	gga		cta	age	cac	cat		ttc	ttc	tca	agg	353
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6 cag ccc aca ttc tta tcc cgc tgt ctg atg ggg atg ccc acc atc tct	497
7 Gln Pro Thr Phe Leu Ser Arg Cys Leu Met Gly Met Pro Thr Ile Ser	
8 125 miles Bed Bell Hill Grant Held City Held 126 miles Bell Hill	
0 gtc ccc att ggg gat cca cag tcc aat cgg aac ccc cag ctt tct act	545
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3 Gln Arg Met Glu Pro Arg Lys Lys Arg Pro Ser	
195	, I a grand
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88 tcaaagaaac acaaaatcac acctagcaga gaaatccaag aagggttccc agaaacaccc	807
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149	Lys Lys	Δra	180 Pro	Ser				185					190			
	пуз пуз	195	PIO	per												
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171										_					ly Ser	
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176	Leu Ala	PIO	Arg	15	Aph	GIU	val	<u>ት</u> ተተሞ	20	PIO	пуъ	AIA	Giu	25	GIII	
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	Glu Asp					_										44 <i>)</i>
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Input Set : A:\Sequence Listing.txt
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				_											Ser		
220		_		190		-	-	-	195		-	-		200		J	
	ata	act.	ata		act	aad	gaa	atc		cca	aag	CCC	gat		att.	ggt	.⁄737
		, - 1	* 4.	_		_	_								Val		:1
	vai	TIIT		Pile	TIIT	цув	GIU		GIII	PIO	пур	FIO		Giu	·	Gry	
224			205					210					215	L			550
	gtt	_		=	-									taa			779
227	Val	Ala	Gln	Arg	Met	Glu	Pro	Arg	Lys	Lys	Arg		Ser				
228		220			•		225					230					
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257			35	3			1	40					45				
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261		50	Dene	~1 ~	mle ee	C	55	Desc	mb w	Deco	Cox		Пт т~	71 ***	Dho	C132	
		ьys	Pro	GIII	THE		GIII	PIO	TILL	PIO		Ala	тАт	Arg	Phe		
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	Ta7				Glu	Dhe			Ser	Δla	T.e.11			Pro	Thr	Phe	
		VOL	111 9	wah	J_LU	150		<u> </u>	~~_	- 1 T C	155					160	
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		ser	Arg	cys		Mec	OT À	met	LTO		тта	per	val	LTO	Ile	AT Å	
289		_			165	_	_	_	7 يم	170	~	1	C	_	175	m -	
	_	Pro	Gln		Asn	Arg	Asn	Pro		Leu	ser	Thr	ser		Thr	Trp	
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296	Arg	Lys	Lys	Leu	Lys	Asp	Leu	Ala	Ser	Arg	Val	Thr	Val	Phe	Thr	Lys	
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Input Set: A:\Sequence Listing.txt
Output Set: N:\CRF4\05312006\J579879.raw

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     340 Ser Gly Phe Arg Gln Ile His Val Ile Asp Met Asp Thr Ile Asp Val
                                                                                      Pls Explains
X991/ocalions
See pg-6
for Error

Explanation
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                                                                                  486
     355 ttc tac cga caa ttt cat atc att gta tgt ggc ctg gac tct atc ata
     356 Phe Tyr Arg Gln Phe His Ile Ile Val Cys Gly Leu Asp Ser Ile Ile
     357
             135
                                  140
     359 gcg aga aga tgg atc aat gga atg ctg ata tct ctt cta aat tat gaa
                                                                                  534
     360 Ala Arg Arg Trp Ile Asn Gly Met Leu Ile Ser Leu Leu Asn Tyr Glu
     361 150
                                                                        165
                              155
                                                   160
     363 gat ggt gtg ttg gat cca agc tcc att gta cct ttg ata gat ggg ggg
                                                                                  582
     364 Asp Gly Val Leu Asp Pro Ser Ser Ile Val Pro Leu Ile Asp Gly Gly
     365
                          170
                                               175
                                                                    180
     367 aca gaa ggc ttt aaa ggg aat gcc cga gtg att ttg cct gga atg acc
                                                                                  630
     368 Thr Glu Gly Phe Lys Gly Asn Ala Arg Val Ile Leu Pro Gly Met Thr
```

The type of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.

RAW SEQUENCE LISTING ERROR SUMMARY

DATE: 05/31/2006

PATENT APPLICATION: US/10/579,879

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TIME: 13:23:46

Input Set : A:\Sequence Listing.txt

Erros Explanation. Output Set: N:\CRF4\05312006\J579879.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:5; Xaa Pos. 99,121,127,222 Seg#:6; Yaa Pos 99, 221, 127, 222

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/579,879

DATE: 05/31/2006
TIME: 13:23:46

Input Set : A:\Sequence Listing.txt
Output Set: N:\CRF4\05312006\J579879.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application No
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:344 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ ID#:5
L:344 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:342
L:352 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:438
L:376 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:726
L:511 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:96
L:515 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:112
L:539 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:208